

RUGGED HAND-HELD THERMOMETERS FOR INDUSTRIAL AND LABORATORY APPLICATIONS

The MM2000 series carry a two year warranty as standard. All instruments are microprocessor driven, providing exceptionally high accuracy and long term stability. They also feature a very wide ambient operating range (-30 to 50°C), have a resolution of 0.1 to 1000 and are autoranging.

All instruments are designed to be waterproof to IP67 standards and they are supplied complete with a thermoplastic rubber boot. **All thermocouple instruments give a choice of seven thermocouple types K,T,J,R,N,E,S or Pt100 can be specified.**

Single Input Thermocouple Thermometer MM2000

- Seven thermocouple types
- Infra-red capability
- °C/°F selectable
- Self-calibrating



Thermocouple Thermometer/Simulator MM2030

- Simulation of thermocouple output
- Seven thermocouple types
- Millivolt measurement/output
- °C/°F/°A selectable
- Self-calibrating



Multi Function Thermocouple Thermometer MM2010

- Max/min Functions
- Hold function
- Dual display
- °C/°F/°A selectable
- Simultaneous display of real time
- Max/min/hold measurement
- Self-calibrating



Pt100 Thermometer MM2050

- Four/ three/two wire measurement
- Max/min functions
- Hold functions
- Dual display
- °C/°F/°A selectable
- Simultaneous display of real time and max/min/hold measurement
- Self-calibrating



PARAMETERS	2000	2010	2030	2050
OPERATING RANGE			-30 TO 50°C	
MEASUREMENT RANGE	-200 to 1372°C	-200 to 1372°C	-200 to 1372°C	-200 to 850°C
SENSOR TYPE	K,T,R,N,J,E,S +IR	K,T,R,N,J,E,S+IR	K,T,R,N,J,E,S+mV	Pt100
TEMPERATURE SCALES	°C /°F	°C/°F/°A	°C/°F/°A	°C/°F/°A
FEATURES		MAX. MIN HOLD	SIMULATE	MAX. MIN HOLD
ACCURACY@23°C	±0.2°C ±0.15% OF READING		±0.2°C ±0.1% OF READING	±0.2°C ±0.15% OF READING
COLD JUNCTION COMPENSATION		0.075°C/°C		
CHARACTERISING ERRORS		LESS THAN 0.05°C		
TEMPERATURE COEFFICIENT		0.01% OF READING /°C		
RESOLUTION		0.1° to 1° above 1000° (auto ranging)		
BATTERY		PP3		
BATTERY LIFE		GREATER THAN 200 HOURS		
DIMENSIONS		130 X 70 X 33mm		
WEIGHT		155g		

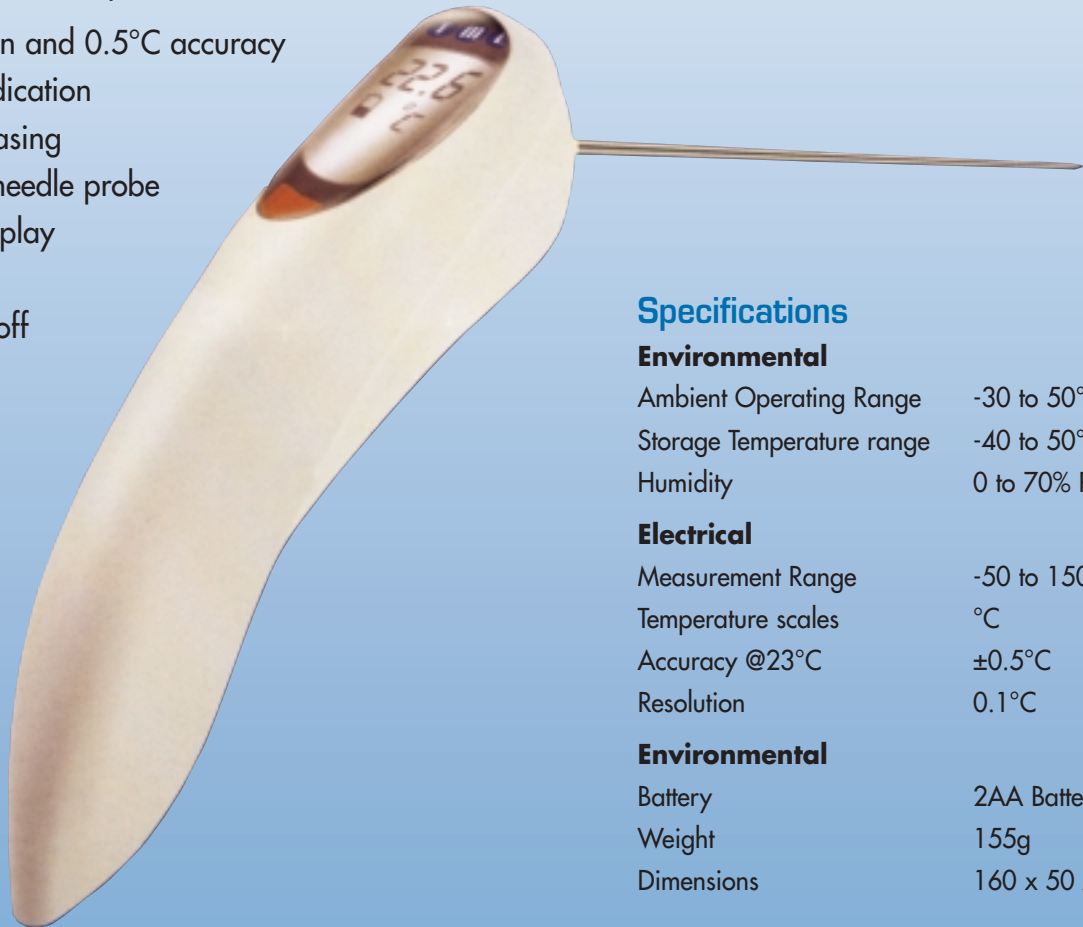
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SELF-CONTAINED HAND HELD THERMOMETER WITH INTEGRAL THERMOCOUPLE PROBE

The MM3000 compact thermometer has a fold out needle probe and splash-proof casing. Strong and reliable, the thermometer is ideal for general purpose measurement applications in the near ambient temperature range and is easy to use.

- 0.1°C resolution and 0.5°C accuracy
- Low battery indication
- Splash proof casing
- Built in type T needle probe
- Bright clear display
- Easy to use
- Auto-on, auto-off



Specifications

Environmental

Ambient Operating Range	-30 to 50°C
Storage Temperature range	-40 to 50°C
Humidity	0 to 70% R.H.

Electrical

Measurement Range	-50 to 150°C
Temperature scales	°C
Accuracy @23°C	±0.5°C
Resolution	0.1°C

Environmental

Battery	2AA Batteries
Weight	155g
Dimensions	160 x 50 x 30mm

Specifications and availability of all products may be subject to change

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